**Nubia Roman   
Grade K- ELLs**  
Final   
Prior to this lesson, I would have done a lesson on recycling and have read the book The Great Kapok Tree. The students would have an understanding of keeping our trees in place in addition to the benefits of recycling. In addition the students would have already watched the video about recycling on Brainpop.  
  
The lesson that I will do with my kindergarten ELL students will be to provide a scaffolding understanding of upcycling and how it helps to reduce garbage. The lesson will be done in April in observance of Earth Day. I want my students to understand the importance of our Earth and its resources and other ways to help Earth in reducing waste. Students will be engaged in the learning process by observing and creating a new product and understanding what upcycling is. They will be having discussions of their observations and conclude with a discussion of their knowledge obtained and conclude with opinions.   
  
**Standards:**R.K.1 Common Core Reading Standards for Informational Text Key Ideas and Details.  
Students will ask and answer questions about key details in a text.  
  
W.K.1 Common Core Writing Standards: Students will use a combination of drawing, dictating, and writing to compose opinion pieces in which they tell a reader the topic or the name of the book they are writing about and state and opinion or preference about the topic or book.  
  
Danielson Competencies:

3b. Using Questioning and Discussion Technique  
3c. Engaging Students in learning  
  
Science Standard # 7  
Students will apply the knowledge and thinking skills of science to address real life problems and make informed decisions.  
  
Title: What benefits does upcycling provide?   
  
LO: Students will understand the benefits of upcycling.  
  
  
Vocabulary: upcycle

Materials: Read Aloud Book: The Great Kapok Tree   
school milk cartons   
scissors  
marker  
Velcro   
  
Procedure:  
First, I will introduce the vocabulary word: **upcycle** and review the word recycling. Then I will proceed to explain that in our lesson for today we will be listening again to the book The Great Kapok Tree . I will explain that we will be learning the importance of upcycling in which we help the environment by reducing waste. I will tell the class that our activity is one one way we can help the Earth. While reading the book I will stop to ask the following questions.   
 **Name some animals that make their home in the forest?   
How do you think the animals in the forest will react when their living environment changes?**

**What do you think might happen to these animals in the forest?   
Why is it important to keep the trees in the forest?  
What are some ways we can do to protect the trees from being cut down?**Next:  
I will discuss how important the trees are to the ecosystem and why is important to not cut down the trees. I will explain that cutting to many trees will harm everyone not only the animals but will impact humans as well. I will l have students discuss among each other of ways we can help to preserve our trees.

After listening to their discussions, I will proceed to explain that we are going to work on upcycling. I will explain that this is the process of converting waste materials or useless products into new materials or products or better quality. I will explain that by doing this it will help the environment.   
  
Next, I will tell them we will be making items from used milk cartons. I will have them make an upcycled Milk money wallet. I will proceed first by modeling how to make the wallet. Then I will hand out the cartons, scissors, ruler, Velcro. I will have the cartons already marked up where they will have to cut by marking it up with a marker so they can follow the marks. This will ensure that they will be able to cut in the right directions. I will go around the room to assist the students who may need help.   
  
After completing the wallet I will gather the class and will illicit from them what they thought of the process. I will ask them if they think this is a way we can help preserve the environment and what natural resources can benefit. I will also ask them if they can think of other ways we can use the cartons.   
  
Last, I will write down their responses on chart paper which will be entitled other uses of milk cartons. I will display it in the classroom. I will remind them to continue to think of other uses in which I will be adding on during the year.

**Engaging Students in Learning:**Students will think pair share (TP S) Accountable Talk  
  
Question: How does upcycle help the forest or Earth?  
  
Students will need to provide evidence that shows the understanding of upcycling and how it helping to reduce the number of trees from being cut down.  
   
End: My lesson will conclude by students coming up as a group to explain to the class of what they learned. I will have a chart in which they will come up with post it and draw or write pictures of how they think a forest will look like when trees are not cut down and one in which there are not many trees around. In addition how upcycling is a benefit to the forest.?  
  
Homework: I will assign students to list items from their home that they can upcycle and come up with an idea of how to use them. By doing this activity , I will once again be able to assess their learning. The assignment will be an activity sheet entitled Upcycled.

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| --- | --- | --- |
| Item | New Product | Picture/Usage/How to use |
|  |  |  |
|  |  |  |
|  |  |  |

Assessment: I will assess my students by observation and also by their homework assignments as well by their questions they ask.  
  
Differentiation: The worksheet will provide students to either write about their item or to draw.  
  
Rubric : Students will be asked to use the rubric to ensure that they have completed the task in class. In addition students will be asked to use their rubrics for their homework assignment as well.

